

## Curriculum Vitae

### Nicki L. Hilliard

#### PERSONAL DATA

Business Address	University of Arkansas for Medical Sciences College of Pharmacy, #522 4301 W. Markham St. Little Rock, AR 72205 Telephone (501) 686-6398 NLHilliard@uams.edu
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#### EDUCATION

University of Arkansas, Fayetteville, AR; Pre-Pharmacy	1978-80
University of Arkansas College of Pharmacy; B.S. Pharmacy	1983
Mercer University, Atlanta, GA; Nuclear Pharmacy Training	1984
University of Arkansas at Little Rock; Masters of Health Services Administration	1990
University of Arkansas College of Pharmacy; Pharm.D.	1996

#### PROFESSIONAL EXPERIENCE

Relief Pharmacist in Little Rock	1983-1984
Syncor International Corporation	1984-2000
Staff Pharmacist	1984
Pharmacy Manager	1984-1991
Assistant Professor at UAMS	1991-1997
Associate Professor at UAMS	1997 to 2000
University of Arkansas College of Pharmacy Professor (2005) Nuclear Education Online Business Manager	2000 – Present

#### PROFESSIONAL BOARD CERTIFICATION

APhA Board Certification in Nuclear Pharmacy	1991
Recertified	1998 & 2005

#### PROFESSIONAL ACTIVITIES & COMMITTEES

Arkansas Pharmacists Association Public Affairs Committee	1986
Arkansas Pharmacists Association Young Pharmacists Task Force	1986
U of A School of Nuclear Medicine Technology Advisory Committee	1985-2000
Board of Pharmaceutical Specialties Council on Nuclear Pharmacy Vice-Chairman 1994 Chairman 1995	1991-1996
APhA Nuclear Pharmacy Section Education Committee Co-Chair - 1993	1993-Present
APhA Nuclear Pharmacy Section Professional Affairs Committee Chair – 1996	1993-1998
UAMS Task Force/Panel on Sexual Harassment	1993-1995
UAMS Committee for the Development of Self-Directed Learning	1993-2005
Kappa Epsilon, Alpha Theta Chapter - Advisor	1992-1999
Arkansas Society of Nuclear Pharmacy Founding President 1994	1994-95
APhA-APPM Section on Nuclear Pharmacy Practice Chair-Elect, Chair	1996-1998
Discovery Health Channel Health Professionals Panel	2000
APhA Nuclear Pharmacy Section Communications Committee	2000-Present
Publisher of the monthly Nuclear Pharmacist eNewsletter 1300 subscribers from U.S. and 36 countries ( <a href="http://nuclearpharmacy.uams.edu/newsletter/">http://nuclearpharmacy.uams.edu/newsletter/</a> )	2003-Present
APhA House of Delegates, APhA-APPM Delegate	2005, 2006 2007, 2009
APhA-APPM Executive Committee Member-at-Large Awards Committee Chair 2005 Communications Committee Chair 2006	2005-2007
UAMS Teaching with Technology Committee Chair	2005 – Present 2005-2008

Organized Statewide Teaching with Technology Conference 2008	2006, 2007,
Arkansas Department of Health Pandemic Pharmacy Volunteer	2006 – Present
American Society of Nuclear Cardiology Radiation Safety Exam Writing Group	2008 - Present 2008-2009

## **PROFESSIONAL ORGANIZATIONS**

Arkansas Pharmacists Association  
American Pharmaceutical Association  
American Society of Health-Systems Pharmacists  
Society of Nuclear Medicine  
Kappa Epsilon Pharmacy Fraternity

## **AWARDS, HONOR SOCIETY, AND HONORS**

Graduated with honors from the University of Arkansas  
Merck Sharp Dome Award  
McNeil Award for achievement in pharmacy administration  
Rho Chi Honor Society  
American Pharmaceutical Association Award of Merit 1998  
Named a Fellow of the American Pharmaceutical Association 1999  
University of Arkansas System Teaching Scholar in Distance Learning 2000  
Nuclear Education Online named 2007 Outstanding Distance Education Program by the Arkansas Distance Education Association  
William H. Briner Distinguished Achievement in Nuclear Pharmacy Practice Award, 2008

## **ACADEMIC APPOINTMENT**

Professor of Nuclear Pharmacy, University of Arkansas College of Pharmacy

Associate Professor of Radiology, University of Arkansas College of Medicine

Instructor of Radiopharmacy, University of Arkansas College of Health Related Professions,  
School of Nuclear Medicine Technology

Instructor of Radiopharmacy, Baptist Medical System School of Nuclear Medicine Technology

Instructor of Pharmacy and Nuclear Medicine as granted by the State of California Council of  
Private Postsecondary and Vocational Education for the Cancer Foundation Medical Center  
School of Nuclear Medicine Technology.

Professor of Radiopharmacy for the Jackson Memorial Hospital School of Nuclear Medicine  
Technology via distance education. 2001 – present.

Instructor of Nuclear Pharmacy (via distance education), Medical University of South Carolina,  
2006-2007

## **INVITED PRESENTATIONS**

Indium-111 Labeled Autologous Leukocyte Labeling Nuclear Medicine Society; Milwaukee,  
Wisconsin, September 21, 1986.

Indium-111 Labeled Autologous Leukocyte Labeling Nuclear Medicine Society; Miami,  
Florida, October 1, 1987.

Indium-111 Labeled Autologous Leukocyte Labeling Nuclear Medicine Society; Fresno,  
California, April 1988.

Clinical Utilization of Indium-111 Autologous Leukocyte Imaging Nuclear Medicine Society;  
Las Vegas, Nevada, November 6, 1988.

Interventional Agents in Nuclear Medicine Nuclear Medicine Technologists of Arkansas  
Annual Symposium, Little Rock, Arkansas, September 1989.

Preparation and Clinical Utilization of Tc-99m HMPAO Leukocytes Syncor International Corp.  
Mid-South Region Managers Meeting, Gatlinburg, Tennessee, August 1990.

Focus on Positron Emission Tomography (PET), American Pharmaceutical Association Annual  
Meeting, March 19, 1994. Served as program coordinator and moderator.

Update on New Products and Drug Applications in Nuclear Medicine American Pharmaceutical  
Association Annual Meeting, Orlando, FL, March 18, 1995. Program coordinator and  
moderator.

New Advances in Neuroendocrine Tumor Imaging Arkansas Pharmacist Association Annual Meeting, Springdale, Arkansas, June 17, 1995

Nuclear Pharmacy Specialty 1996 Feurt Symposium, University of Tennessee College of Pharmacy, Memphis, TN, January 24, 1996.

Nuclear Pharmacy Resources on the Internet, American Pharmaceutical Association Annual Meeting, Nashville, TN, March 1996. Speaker and coordinator.

Navigating the Information Superhighway, Arkansas Pharmacist Association Annual Meeting, Little Rock, AR, June 1996.

The World Wide Web: Nuclear Medicine Resources, 23rd Annual Nuclear Medicine Symposium, Little Rock, AR, November 16, 1996

The World Wide Web: Nuclear Medicine Resources, Annual Nuclear Medicine Symposium, Springfield, MO, September 6, 1997

The World Wide Web: Nuclear Medicine Resources, Nuclear Medicine Technologists Meeting, Jackson, MS, March 1998

Drug - Radiopharmaceutical Interactions, Nuclear Medicine Technologists Meeting, Jackson, MS, March 1998

Drug - Radiopharmaceutical Interactions, Southwestern Chapter of the Society of Nuclear Medicine, Santa Fe, NM, March 1999.

Update on New Radiopharmaceuticals, Southwestern Chapter of the Society of Nuclear Medicine, Santa Fe, NM, March 1999.

Update on Nuclear Medicine, Arkansas State Department of Health Inspector Training, Little Rock, AR, July 1999

Career Opportunities in Pharmacy, 1999 APhA-ASP Region 6 Mid-Year Regional Meeting, Little Rock, AR, October 1999.

Using Adobe Acrobat in Education, UAMS Friday@Noon Computer Users Conference, December 1999.

Creating Graphics with Microsoft's PhotoDraw 2000, UAMS Friday@Noon Computer Users Conference, January 2000 and Teaching Scholars in Distance Learning Symposium, April 21, 2000.

Technology in Education Symposium, University of Arkansas for Medical Sciences, March, 2000

Mind Manager Software, UAMS Friday@Noon Computer Users Conference, August 2000.

Radiopharmacy Preceptor Training Workshop, University of New Mexico Continuing Education Program; San Francisco, CA March 2001

Technology for Distance Education, UA System Academy of Distance Learning, May 2001

New and Future Radiopharmaceuticals for Diagnosis. Congress of the World Federation of Nuclear Medicine and Biology. Santiago, Chile. October 2002.

Quality Control of New Radiopharmaceuticals. Congress of the World Federation of Nuclear Medicine and Biology. Santiago, Chile. October 2002.

New Radiopharmaceuticals and Quality Control Procedures. Congress of the World Federation of Nuclear Medicine and Biology. Santiago, Chile. October 2002.

Classroom Performance System (CPS): Award Winning Education System in Use at UAMS. UAMS Friday@Noon Computer Users Conference, January 17, 2003.

Nuclear Medicine Evidence of the Changing Physiologic & Metabolic Status of the Geriatric Patient, American Pharmacists Association Annual Meeting, Seattle, WA, March 2004.

A Career Path in Nuclear Pharmacy., Hendrix College, February 20, 2006

Workshop: Taking Your Online Program to a National Audience. Slice of Life Annual Meeting, Lausanne, Switzerland, July 4, 2006

The Business of Education. Teaching with Technology Symposium. Little Rock, AR, July 21, 2006

The Business of Education. FIPSE Program Directors Meeting, Washington DC, February 13, 2007

Educational Software Tools. Teaching with Technology Symposium, Little Rock, AR July 20, 2007.

Sell Yourself – Marketing Your Educational Program. FIPSE Program Directors Meeting, Washington D.C. , January 2008

Sell Yourself – Marketing Your Educational Program. Florida Distance Learning Consortium Webinar, February 15, 2008.

Career Awareness Roundtable. APhA Annual Meeting, San Diego, CA. March 15, 2008

Drug-Radiopharmaceutical Interactions. Southwest Chapter Society of Nuclear Medicine Annual Meeting, Little Rock, AR March 29, 2008.

Nuclear Cardiology Board Exam Preparation Course. American Society of Nuclear Cardiology, Chicago, IL. July 19, 2008.

Extreme Course Makeover: Interactive Learning Software. Teaching with Technology Symposium, Little Rock, AR July 24-25, 2008.

Nuclear Cardiology Board Exam Preparation Course. American Society of Nuclear Cardiology, Boston, MA. Sept. 10-11, 2008.

Panel Discussion: Trends in Distance Education. Arkansas Association of Public Universities. October 6, 2008

Wikis in Education. UAMS Friday@Noon Computer Users Conference, May 2009.

Nuclear Cardiology Board Exam Preparation Course. American Society of Nuclear Cardiology, Baltimore, MD. July 31, 2009.

Nuclear Cardiology Board Exam Preparation Course. American Society of Nuclear Cardiology, Minneapolis, MN. Sept. 30, 2009.

## **COMPUTER ASSISTED LEARNING PROGRAMS**

Hilliard NL, Stull R. The Clinical Use of Leukocyte Labeling. Published by Syncor International. ACPE Program No. 691-723-93-001.

Hilliard NL, Wear M, Bullington P, Understanding Thyroid Diseases and Imaging.

Hilliard NL, McGinty J. Clinical Reviews in Nuclear Medicine Copyrighted 1998

Thomas AR, Carthan N. Introduction to Herbals Developed the software for Pharmat, Inc. August 2000.

## **WEBPAGE DEVELOPMENT**

*The Nuclear Pharmacy* located at <http://nuclearpharmacy.uams.edu>

*Arkansas Pharmacist Association* located at <http://www.arpharmacists.org>

*Pharmat* located at <http://www.pharmat.org>

*Nuclear Education Online* located at <http://www.nuclearonline.org>

*Jefferson Elementary PTA* located at <http://www.aristotle.net/~jeffersonpta>

## **POSTER PRESENTATIONS**

A Collaborative Nuclear Pharmacy Training Program at the University of Arkansas. NL Hilliard, AB McKay, K Seifert. Presented at the American Association of Colleges of Pharmacy annual meeting, July 19, 1994.

Indium-111 Pentetreotide (OctreoScan) Imaging for Neuroendocrine Tumor Localization NL Hilliard. Presented at the American Pharmaceutical Association annual meeting, March 19-20, 1995.

Nuclear Pharmacy Resources on the Internet NL Hilliard, R Pruitt. Presented at the American Pharmaceutical Association Annual Meeting, March 9-13, 1996.

Monoclonal Antibody Imaging for Prostate Cancer, ML Peters, NL Hilliard. Presented at the American Pharmaceutical Association Annual Meeting, March 8-12, 1997.

Nuclear Pharmacy Work/Life Survey, S Abston, NL Hilliard. Presented at the American Pharmaceutical Association Annual Meeting, March 10-14, 2000.

Providing Nuclear Pharmacy Education via the Internet. NL Hilliard, JP Norenberg, K Wittstrom, B Rhodes, MW Pickett, and P Thaxton. Presented at the American Pharmaceutical Association Annual Meeting, March 2002.

Providing Nuclear Pharmacy Education via the Internet. NL Hilliard, JP Norenberg, K Wittstrom, B Rhodes, MW Pickett, and P Thaxton. Presented at the Congress of the World Federation of Nuclear Medicine & Biology. Santiago, Chile. October 2002.

Problem Based Learning (PBL) on the Internet. NL Hilliard, B Rhodes, K Wittstrom, JP Norenberg, MW Pickett. Presented at the American Pharmaceutical Association Annual Meeting, March 29-April 1, 2003.

University of Arkansas for Medical Sciences and the University of New Mexico Develop Successful Consortium for Nuclear Pharmacy Education. Hilliard NL. Presented at the American Association for Colleges of Pharmacy Annual Meeting, July 19-23, 2003.

Online Problem Based Learning. NL Hilliard. Presented at the UAMS Teaching with Technology Fair. Received first place in the Best Practices in Teaching with Technology category.

Introduction to Nuclear Pharmacy: An Online Course Available for Elective Offerings. NL Hilliard, C. Coley, B Rhodes, K Wittstrom, JP Norenberg Presented at the American Association for Colleges of Pharmacy Annual Meeting, July, 2004.

Nuclear Pharmacy Technician Training. NL Hilliard, D Le, K Wittstrom, JP Norenberg , B Rhodes. Presented at the American Association for Colleges of Pharmacy Annual Meeting, July, 2006.

Nuclear Education Online Authorized User Training for Physicians. D Le, NL Hilliard, MW Pickett, JP Norenberg, B Rhodes, K Wittstrom. Presented at the Accreditation Council for Graduate Medical Education Annual Meeting, Dallas, TX. March 2008

## **EDUCATIONAL MATERIALS DEVELOPED**

Intern Training Program, Pharmacy Student & Preceptor Manuals, developed for Syncor International Corp.

A Resource Guide for Radiopharmacy Instructors, produced for Syncor International Corp.

Nuclear Education Online Radiopharmacy course material and case studies, Introduction to Nuclear Pharmacy Online. Intellectual Property purchased by UAMS, 2002. This program has trained over 170 nuclear pharmacists from across the country since beginning in 2001.

## **MONOGRAPHS AND PUBLICATIONS**

Hilliard NL. Indium-111 Pentetreotide Drug Monograph for University Hospital Consortium. December 1994.

Hilliard N. Nuclear Pharmacist Training and Certification. *International Journal of Pharmaceutical Compounding*. Nov/Dec 1998; 2(6): 427

Hilliard N. Radiopharmaceuticals Used for Myocardial Imaging. *Correspondence Continuing Education Courses for Nuclear Pharmacists and Nuclear Medicine Professionals* Vol. VII No. 3, 1998.

Hilliard NL, "Clinical Case--Radiopharmaceuticals," in Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems, Allen LV, Popovich NG, and Ansel HC, eighth edition, Lippincott Williams and Wilkins, 2004, pp. 597-598.

## **GRANTS NOT FUNDED**

Development of an Online Distance Education Program for Nuclear Cardiology Education and Training. Submitted to Bristol Myers Squibb in Nov. 2003. \$311,199. Not funded.

A Distance Education Program for Nuclear Education. Submitted to the Nuclear Regulatory Commission. \$216,193. Not funded.

Distance Education Program for Radiation Safety Officer Training. Submitted to UAMS committee for stimulus funding initiatives. Not funded.

## **GRANTS RECEIVED**

An Interdisciplinary Distance Educational Model for Specialty Education to Meet Training Needs of Healthcare Professionals. Funded by the U.S. Department of Education Fund for the Improvement of Postsecondary Education (FIPSE). 2004-2007 \$440,861.

## **VOLUNTEER ACTIVITIES**

Aldersgate Free Medical Clinic Volunteer Pharmacist	1998 - Present
Little Rock Public Schools PTA Member Named "Volunteer of the Year" for the Little Rock School District	2000
St. James United Methodist Church	
Habitat for Humanity	1994
Christmas Family-to-Family Coordinator	2000-2005
Rice Depot Food Bank	2005
Mission Trip to Rio Bravo, Mexico	2006
Reach Out Mission Event (health screenings in rural Arkansas)	2006
Stone Soup	2006
Our House	2007
St. James Golf Classic (chair, raised funds for two water wells in Congo)	2008, 2009
Susan G. Komen Race for the Cure	